

INTERNATIONAL SEARCH REPORT

International Application No
 PCT/GB2004/005182

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01J9/00 G02B27/46 G02B26/06 G06E3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G01J G02B G06E

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	VORONTSOV M ET AL: "ADVANCED PHASE-CONTRAST TECHNIQUES FOR WAVEFRONT SENSING AND ADAPTIVE OPTICS" PROCEEDINGS OF THE SPIE, vol. 4124, 2000, pages 98-109, XP002320973 BELLINGHAM, US page 99 - page 101; figure 1	1-18
A	CROSSLAND W A ET AL: "HOLOGRAPHIC OPTICAL SWITCHING: THE "ROSES" DEMONSTRATOR" JOURNAL OF LIGHTWAVE TECHNOLOGY, vol. 18, no. 12, December 2000 (2000-12), pages 1845-1854, XP002320974 USIEEE. NEW YORK figure 1	1-18
A	US 6 570 143 B1 (NEIL MARK ANDREW AQUILLA ET AL) 27 May 2003 (2003-05-27) abstract; figures	1-18

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search 14 March 2005	Date of mailing of the international search report 01/04/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax. (+31-70) 340-3016	Authorized officer Ward, S

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/005182

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6570143	B1 27-05-2003	DE 69901516 D1	20-06-2002
		DE 69901516 T2	10-10-2002
		EP 1123491 A1	16-08-2001
		ES 2174641 T3	01-11-2002
		WO 0017612 A1	30-03-2000
		JP 2002525596 T	13-08-2002